

TARTAN 365

Standard Specifications

HULL

- NPG Isophthalic gelcoat
- Modified epoxy vinylester laminating resin
- Partially cored with CNC computer cut closed-cell synthetic foam coring
- Locally reinforced in high-load areas
- Laminated in “one shot” resin infusion process eliminating secondary bonding of structural materials
- All hull penetrations made through solid E-glass laminate “core windows”
- Interior surfaces painted out for aesthetics
- Internal structural grid designed to carry rig and keel loads, bonded and glass-taped into hull
- UL and ABS approved, corrosion free Marelon flush through hull fittings
- Built to meet ABS Plan Certification
- Transferrable 10-year hull structural and blister warranty

DECK

- NPG Isophthalic gelcoat
- Modified epoxy vinylester laminating resin
- CNC computer cut sealed premium coring
- Locally reinforced in high-load areas
- Laminated in “one shot” resin infusion process eliminating secondary bonding of structural materials
- All deck penetrations made through solid E-glass laminate “core windows”
- Interior surfaces painted out for aesthetics
- Molded nonskid surface on working areas
- Two color deck, sand and white or gray and white
- 6061 T6 aluminum backing plates added at lamination for all loaded hardware
- Inward-facing hull flange with integrally molded 6061 T6 aluminum bar forming a full length backing plate for hull-to-deck joint
- Hull-to-deck joint fasteners, stainless steel and meet or exceed ABS standard for offshore use
- Hull-to-deck joint bonded with 3M 5200 adhesive sealant

RUDDER & STEERING SYSTEM

- Twin wheel carbon fiber pedestals with chain and wire rope steering system
- (2) 36” stainless steel wheels
- Stainless steel pedestal guards
- Single-lever engine control with stainless steel handle
- Lighted binnacle compass on each pedestal
- High density, closed-cell foam rudder blade with reinforced skins
- Tapered carbon fiber rudder post
- Self aligning roller rudder bearings
- Gaitor rudder seal

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Standard Specifications

- Emergency tiller

DECK HARDWARE

- (2) Harken 35 STC Radial (self-tailing chrome) cabin top winches
- (2) Harken 46 STC Radial (self-tailing chrome) cockpit winches
- Harken self-tacking jib traveler
- 27" x 1 1/8" diameter stainless steel stanchions
- 27" x 1 1/8" tube double stainless steel bow rail with navigation light
- 27" x 1 1/8" tube double stainless steel split stern rail with navigation light
- 1 x 19 double lifelines with port, starboard, and transom boarding gates
- Stainless steel stem fitting with integral bow roller
- Stainless steel 10" bow mooring cleats
- Stainless steel 8" mid-ship mooring cleats
- Stainless steel mid-ship chocks
- Stainless steel 10" aft mooring cleats
- Aluminum toe rail, teak toe rail optional
- (2) Harken aluminum winch handles
- Custom stainless steel mast collar with attachment points for mast-base blocks
- Harken turning blocks at base of mast for leading sail controls aft to cockpit
- Spinlock rope clutches on cabin top for aft led sail controls
- Mainsheet led aft to house top winches
- Self-tacking jib sheet led to house top winch
- Reacher sheet blocks
- Traveler taglines led to cabin top cam cleats
- Harken aft lead control blocks
- Companionway hatch sea hood with instrument pod
- Match molded anchor locker lid with latch
- Deck drains to waterline discharge, eliminates hull streaking
- Stainless steel cabin top handrails
- Cockpit mounted manual bilge pump
- Offshore ready, match-molded and gasketed cockpit seat hatches
- Hinge-down swim platform with a retracting stainless steel swim ladder

VENTILATION

- (3) Aluminum CE approved deck hatches
- Screens and blinds for deck hatches
- (8) Cabin-side mounted stainless steel portholes with fly screens
- Cockpit-mounted stainless steel porthole with fly screen
- (2) polished chrome 4" cowl vents on teak/FRP Dorade boxes
- Lexan sliding companionway hatch with composite hatch boards and trim

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Standard Specifications

ENGINE & MECHANICAL

- 30 hp diesel saildrive with three-blade feathering propeller
- 35-gallon fuel capacity in aluminum tank with remote gauge
- Fuel filter/water separator
- High density, foil faced engine insulation
- Engine service access forward, sides, and aft

ELECTRICAL

- (2) AGM Group 31 batteries
- 12VDC outlet at nav and helm
- USB chargers at 110VAC outlets where applicable
- 30A battery charger
- Polished chrome and stainless steel LED interior lighting fixtures
- Courtesy floor lighting
- Service lighting in engine compartment and cockpit lockers
- Directional reading lights at berths and main cabin settees
- Directional spot lights in galley and over main cabin table
- 110 VAC ELCI protection
- Shore power cord
- 110 VAC distribution panel
- 110 VAC outlets in each cabin with GFI protection
- 12 VDC metered distribution panel with 12VDC USB outlet
- Battery selector switch
- ABYC compliant color coded wiring throughout
- Stranded, tinned, copper wiring
- All wiring is chafe-protected where it passes through internal structure
- Wiring bundled in PVC conduit with room for future installations
- Electrical bonding system
- Electric sump pump with automatic float switch for icebox and shower drains
- Electric bilge pump with automatic float switch with manual override
- High-water bilge alarm
- USCG approved navigation lights on bow rail, stern rail, and mast

INTERIOR

- Structural fiberglass timbers taped to hull to carry mast and keel loads
- Structural bulkheads bonded to hull and deck
- Choice of maple or cherry hardwood interior buildout
- Solid stock hardwood trim throughout
- Solid stock hardwood raised panel passage doors
- Polished chrome, mortised door lock sets

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Standard Specifications

- Solid stock hardwood cabinet faces throughout
- Positive lock cabinet hardware
- Solid hardwood-faced, dovetail joined, all-wood drawers throughout
- Hardwood-battened overhead with strategically placed access panels
- Varnished teak handrails placed for security in a seaway
- Interior woodwork sprayed with satin finish, solvent and UV resistant two part conversion varnish
- Varnished teak and holly cabin sole with bilge access lift outs
- Ultraleather interior upholstery

ACCOMMODATIONS & STORAGE

- Forward cabin with storage lockers, hanging locker, and dovetail drawers
- Approximately 78" x 60" forward berth, fit with quilted foam mattress
- Furniture-grade main cabin settees and seats with contoured cushions
- Maple or cherry cabinets with ventilated raised panel doors throughout
- Storage outboard of main cabin seat backs
- Main cabin table folds up to mast for exceptional available floor space
- Full navigation station
- Navigation lockers with installation space for extensive electronics
- Aft cabin with a double berth with quilted foam mattress, hanging locker, and shelves
- Storage below berths
- Cockpit seat locker
- Cockpit lazarette to starboard
- LPG gas bottle storage in cockpit for 11-lb tank

GALLEY & PLUMBING

- Two-burner Force 10 gimbaled stove with oven
- LPG sniffer with automatic shut off
- Maple or cherry-faced cabinetry with raised panel access doors
- Maple or cherry-faced, dovetailed cutlery drawers
- 9" deep, stainless steel, single sink with marine grade galley faucet and manual foot pump with swivel spigot
- Granicoat solid surface galley countertops
- Storage under galley sink through ventilated raised panel Maple or cherry doors
- Built in 12VDC refrigeration
- Hot and cold pressure water with service access to pump and plumbing
- Hot and cold cockpit shower
- Polyethylene tubing and Whale mechanical fittings for freshwater plumbing
- All below waterline hose connections are double-clamped with stainless steel hose clamps
- Premium marine-grade hoses used throughout
- 60 gallons of freshwater tankage with distribution manifold

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Standard Specifications

- 6-gallon water heater, operates on 110 VAC or engine heat exchanger

HEAD

- Manual marine head with 30-gallon holding tank
- Y-valve for direct overboard discharge (where legal)
- Holding tank macerator pump for overboard discharge (where legal)
- Deck pump out with vent
- Low-odor premium grade marine sanitation hose
- Holding tank gauge
- Shower drains to sump box with automatic overboard discharge

- Premium, marine-grade head faucet and shower mixer
- Molded Granicoat solid surface counter top
- Stainless steel sink
- Utility storage under sink through raised panel maple or cherry door
- Solid maple or cherry-faced upper vanity cabinet with storage

SPARS & RIGGING

MAST

- AMP Spars, painted carbon-fiber mast with integrally molded carbon-fiber masthead
- Double, tapered airfoil aluminum spreaders with machined through bars
- Harken low friction mainsail track
- 1 x 19 Stainless steel wire rigging with forged turnbuckles
- Internal halyards
- Internal, single-line lazy jack system
- Harken furler for self-tacking jib
- Harken furler for masthead 155% reacher
- Mast-to-deck tie rod to carry running rigging loads
- Masthead anchor light
- Steaming light with foredeck illuminator
- Mast wiring conduit
- Custom stainless steel chain plate system links to structural fiberglass grid in hull
- Spartite mast sealing and chock system
- Self-amalgamating mast boot tape

BOOM

- AMP Spars carbon-fiber traditional boom
- (2) Single line reef led aft to cabin-top winch
- 2:1 outhaul led aft to rope clutch and cabin top winch
- Two-part boom topping lift
- Rod vang with tackle led aft

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Standard Specifications

RUNNING RIGGING

- Polyester double-braid jib sheet, mainsheet
- Polyester double-braid main traveler control lines

SAILS

- Fully-battened Dacron mainsail with (1) reef, Sunbrella mainsail cover
- Dacron self-tacking jib
- Light weight Dacron 155% (of larger reacher J dimension) masthead reacher

Factory Options

- Dark hull color
- Hull rub strake, teak
- Hull rub strake, PVC
- Teak toe rail and taffrail
- Beavertail keel (STD)
- Deep fin keel (NC Option)
- Keel/centerboard
- Teak cockpit table
- Electric main halyard winch, Harken 35 STC
- Electric windlass with deck wash down pump
- Leather covered wheels (2)
- Teak cockpit coamings
- Teak cockpit sole
- 1000W inverter with remote control panel
- Additional group 31 house battery
- 5 cabin fans (FC, MC, AC, Galley, Nav)
- Electric head
- Microwave oven
- Marine air reverse cycle air conditioning-1 unit
- Flat screen HDTV monitor, connected to Fusion stereo for DVD, mast mount air antenna
- Coastal Raymarine electronics package
- Offshore Raymarine electronics package
- Composite pocket boom with Sunbrella cover
- Integral split hydraulic backstay adjuster
- Cruise spin gear
- Telescoping whisker pole with mast track, ring type car with taglines and pole topping lift
- 135% Dacron genoa with inboard tracks with pin stop cars in lieu of self tacking jib
- Cruising spinnaker with snuffer

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Standard Specifications

DESIGN DIMENSIONS

LOA	36 ft 6 in
LWL	31 ft 1in
Beam	12 ft 0 in

DRAFT

Deep Fin	6 ft 6 in
Beavertail	4 ft 11 in
Keel/Centerboard.....	3 ft 11 in

DISPLACEMENT

Deep Fin	12,875 lb
Beavertail	13,375 lb
Keel/Centerboard.....	13,625 lb

BALLAST

Deep Fin	4,250 lb
Beavertail	4,750lb
Keel/Centerboard.....	5,000 lb

CAPACITIES

Fuel	35 gal
Water	60 gal
Auxiliary	30 hp diesel saildrive
Berths	6

SAIL DIMENSIONS

I, self-tacking jib	47 ft
J, self-tacking jib	13 ft 3 in
I, 155% reacher	50 ft 8 in
J, 155% reacher	14 ft 3 in
P	44 ft 4 in
E	15ft 0 in
Mainsail area	332.5 sq ft
100% foretriangle	311.4 sq ft
Upwind sail area (main & self-tacking jib)	644 sq ft
Offwind sail area (main & reacher)	892 sq ft
Bridge clearance (to masthead crane).....	55 ft 0 in

PERFORMANCE RATIOS

Ballast/displacement ratio	36
Displacement/length ratio	178.4
Sail area/displacement ratio (upwind)	19.72
Sail area/displacement ratio (offwind w/reacher)	27.72
Designer	Tim Jackett

